IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-5 (canceled).

6.   (currently amended)A disk array device ~~according to claim 5~~comprising:

_____ a disk array device housing;

_____ plural disk device housings which are stored in the disk array device housing and incorporate plural disk devices; and

_____ a controller housing, which is stored in the disk array device housing, and incorporates a controller for controlling reading and writing of data with respect to the disk devices,

_____ wherein the respective disk device housings have plural connectors for connecting cables for fiber channels and plural lighting units corresponding to the respective connectors,

_____ wherein the controller controls lighting states of the lighting units in accordance with a connection order of the cables,

_____ wherein the controller reads a connection information file defining the connection order from a predetermined external apparatus and performs the control on the basis of the connection information file, and

wherein the external apparatus comprises a connection information file generation unit which generates the connection information file based on ~~the basis of~~ information specifying the number of disk device housings provided in the disk array device, the number of disk devices incorporated in

2

the respective disk device housings, and structural specifications of a

Redundant Array of Inexpensive Disks (RAID).

7.   (currently amended)A disk array device comprising:

a disk array device housing;

plural disk device housings which are stored in the disk array device

housing and incorporate plural disk devices; and

a controller housing which is stored in the disk array device housing

and incorporates a controller for controlling reading and writing of data with

respect to the disk devices,

wherein the respective disk device housings have plural connectors

for connecting cables for fiber channels and plural lighting units corresponding

to the respective connectors,

wherein the controller controls lighting states of the lighting units in

accordance with a connection order of the cablesaccording to claim 1, and

wherein the controller specifies connectors, which should be

connected, according to a combination of housing information specifying the

disk device housings and path information specifying the respective

connectors in the disk device housings.

8.   (original)   A disk array device according to claim 7, wherein

the controller acquires the housing information and the path information prior

to the lighting control.

Claims 9-15 (canceled).

3

16.   (currently amended)A connection support method for, in a disk array device storing a controller housing and plural disk device housings in a disk array device housing, connecting connectors, which extend over the plural disk device housings, with cables for fiber channels, the controller housing incorporating a controller for controlling reading and writing with respect to the disk devices, the respective disk device housings having plural connectors for connecting the cables and plural lighting units corresponding to the respective connectors, the connection support method comprising, as steps to be executed by the controller:

a step of recognizing the plural disk device housings stored in the disk array device housing; and

a lighting control step of controlling lighting states of the lighting units in accordance with a connection order of the cables based on a result of the recognition such that the disk device housings are connected in a connection state defined in advanceA connection support method for disk array devices according to claim 15,

wherein the controller reads a connection information file defining the connection order from a predetermined external apparatus and performs the control on the basis of the connection information file, and

wherein the external apparatus comprises a connection information file generation unit which generates the connection information file based on the basis of information specifying the number of disk device housings provided in the disk array device, the number of disk devices incorporated in the respective disk device housings, and structural specifications of a RAID.

4

17. (currently amended) A connection support method for, in a disk array device storing a controller housing and plural disk device housings in a disk array device housing, connecting connectors, which extend over the plural disk device housings, with cables for fiber channels, the controller housing incorporating a controller for controlling reading and writing with respect to the disk devices, the respective disk device housings having plural connectors for connecting the cables and plural lighting units corresponding to the respective connectors, the connection support method comprising, as steps to be executed by the controller:

a step of recognizing the plural disk device housings stored in the disk array device housing; and

a lighting control step of controlling lighting states of the lighting units in accordance with a connection order of the cables on the basis of a result of the recognition such that the disk device housings are connected in a connection state defined in advanceA connection support method for disk array devices according to claim 11,

wherein the controller specifies connectors, which should be connected, according to a combination of housing information specifying the disk device housings and path information specifying the respective connectors in the disk device housings.

18. (original) A connection support method for disk array devices according to claim 17, wherein the controller acquires the housing information and the path information prior to the lighting control.

Claims 19 and 20 (canceled).